



Water-Data Report CA-2005

11237500 PITMAN CREEK BELOW TAMARACK CREEK, CA

San Joaquin River Basin

LOCATION.--Lat 37°11'55", long 119°12'46" referenced to North American Datum of 1927, in NW ¼ NW ¼ sec.35, T.8 S., R.25 E., Fresno County, Hydrologic Unit 18040006, in Sierra National Forest, on right bank, 250 ft upstream from Huntington-Shaver Conduit Tunnel, 0.8 mi downstream from confluence of Tamarack and South Fork Tamarack Creeks, 1.4 mi upstream from mouth, and 1.9 mi east of town of Big Creek.

DRAINAGE AREA.--22.9 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1927 to current year. Records for water year 1928 incomplete, yearly estimate published in WSP 1315-A.

REVISED RECORDS.--WSP 931: 1940. WSP 1315-A: 1944. WSP 1395: 1928-29, 1938. WSP 1515: 1929. WSP 1930: Drainage area.

GAGE.--Water-stage recorder, Parshall flume and concrete control. Elevation of gage is 7,020 ft above NGVD of 1929, from topographic map. Prior to Nov. 22, 2001, datum was 2.325 ft lower than current datum. Prior to Sept. 28, 1940, gage at site 10 ft downstream of current location.

REMARKS.--No diversion upstream from station; practically all flow is diverted downstream from station to Huntington-Shaver Conduit. See schematic diagram of lower San Joaquin River Basin.

COOPERATION.--Records were collected by Southern California Edison Co., under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project nos. 67 and 120.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,500 ft³/s, Jan. 2, 1997, gage height, 12.65 ft, from rating curve extended above 1,100 ft³/s, on basis of slope-area measurement at gage height 10.77 ft; no flow Oct. 15-18, 1931, and Dec. 5, 6, 2004.

11237500 PITMAN CREEK BELOW TAMARACK CREEK, CA—Continued**SUMMARY STATISTICS**

	Calendar Year 2004	Water Year 2005	Water Years 1928 - 2005	
Annual total	8,725.69	29,198.09		
Annual mean	23.8	80.0	42.6	
Highest annual mean			118	1983
Lowest annual mean			6.16	1977
Highest daily mean	174	Apr 27	1,060	May 16
Lowest daily mean	0.00	Dec 5	0.00	Dec 5
Annual seven-day minimum	0.12	Sep 12	0.13	Oct 1
Maximum peak flow			1,650	May 16
Maximum peak stage			6.41	May 16
Annual runoff (ac-ft)	17,310		57,910	30,880
10 percent exceeds	97		262	131
50 percent exceeds	4.0		15	5.5
90 percent exceeds	0.13		0.69	0.30

